SIEMENS

Data sheet

6GK5792-8DN00-0AA6



Antenna ANT792-8DN

ANT792-8DN IWLAN antenna with strong directional effect incl. N-female connector: 14 dBi, IP23, outdoor, (-40-+70 °C); 2.4 GHz, Wi-Fi compliance Observe national approvals; mounting on wall or mast compact instructions as hard copy German/English, scope of delivery: 1x ANT792-8DN, 1x terminating resistor TI795-1R 1x mounting aid for alignment

radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
 for WLAN in 2.4 GHz frequency band 	2.4 2.7 GHz
electrical data	
impedance	50 Ω
polarization	linear vertical
radiation characteristic	directional
antenna gain compared to spherical radiator	
 of the WLAN antenna / in the 2.4 GHz frequency band 	14 dB
standing wave ratio (VSWR) / maximum	1.5
radiating angle of the antenna	
 in the 2.4 GHz frequency band / horizontal 	35°
 in the 2.4 GHz frequency band / vertical 	30°
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	female
angle of inclination / downward / maximum	0°
front-to-back ratio	20 dB
mechanical data	
material	
of outer shell	ASA
ambient conditions	
ambient temperature	
 during operation 	-40 +80 °C
 during storage 	-40 +80 °C
during transport	-40 +80 °C
protection class IP	IP23
wind load / maximum	57 N; at 160 km/h
design, dimensions and weights	
width	200 mm
height	200 mm
depth	43 mm
net weight	500 g
fastening method	

 mast mounting 	Yes	
 wall mounting 	Yes	
 roof mounting 	No	
 directly on the device 	No	
product features, product functions, product components / general		
product feature / silicon-free	Yes	
standards, specifications, approvals		
certificate of suitability		
 RoHS conformity 	Yes	
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	
further information / internet-Links		
further information / internet-Links		
	http://www.siemens.com/snst	
Internet-Link	http://www.siemens.com/snst http://www.siemens.com/simatic-net	
Internet-Link to web page: selection aid TIA Selection Tool 		
Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication 	http://www.siemens.com/simatic-net	
Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall 	http://www.siemens.com/simatic-net https://mall.industry.siemens.com	
Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center 	http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter	
Internet-Link to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database 	http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb	